

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A vinylidene fluoride resin monofilament, comprising a vinylidene fluoride resin having an inherent viscosity of at least 1.40 dl/g, and having a knot strength (JIS L1013) of at least 650 MPa and a twist index of at least 0.90 when measured after the monofilament being subjected to application for 1 minute of a tensile load equal to approximately 50% of a maximum tensile load (JIS K7113), removal of the load, and standing for 3 hours,

wherein the monofilament has a core-sheath laminar structure comprising a core having a higher inherent viscosity and a sheath having a lower inherent viscosity.

2. (Previously presented) The monofilament according to claim 1, having a twist index of at least 0.92.

3. (Cancelled)

4. (Previously presented) The monofilament according to claim 1, having a knot elongation of 16 - 35% and a Young's modulus of 1500 - 3500 MPa.

5. (Previously presented) The monofilament according to claim 1, having a diameter of 52 mm – 1.81 mm.

6. **(Withdrawn)** A process for producing a vinylidene fluoride resin monofilament, comprising: subjecting a vinylidene fluoride resin monofilament having an inherent viscosity of at least 1.40 dl/g after melt-spinning and stretching to a high-temperature relaxation treatment for an extremely short period of 0.05 - 0.5 sec. within a high-temperature heating oil bath at a temperature of 140 - 175°C.
7. **(Withdrawn)** The process according to claim 6, wherein the vinylidene fluoride resin monofilament has been stretched at a ratio of at least 5 times prior to the relaxation heat treatment.
8. **(Withdrawn)** The process according to claim 6, wherein a relaxation of 1 - 14% is given in the relaxation heat treatment.
9. **(Withdrawn)** The process according to claim 6, wherein the heating oil bath comprises glycerin, silicone oil or polyethylene glycol.
10. **(Previously presented)** A fishing line, comprising a vinylidene fluoride resin monofilament according to claim 1.
11. **(Previously presented)** The fishing line according to claim 10, in a form of being wound about a spool.